

PATENT

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Brigitte Snider November 13, 2003
Brigitte Snider, Paralegal Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : UNKNOWN
Applicant : George Chandran
Filed : HERewith (11/13/2003)
Title : THROMBUS PREVENTION
APPARATUS AND METHODS

TC/A.U. : UNKNOWN
Examiner : UNKNOWN

Docket No. : 31407-1001-UT

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INFORMATION DISCLOSURE STATEMENT

S I R :

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 submitted herewith. A copy of each of the listed references for the Non Patent Literature Documents is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior references" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed within three months of the filing date of the application or prior to the mailing date of a first Office action. Therefore, no fee or certification is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Stephen A. Slusher', with a long horizontal line extending to the right.

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Direct line: (505) 998-1502

Dated: November 13, 2003

Enclosures: PTO Forms 1449;
Copy of References for Non Patent Literature Documents

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				COMPLETE IF KNOWN	
				Application Number	UNKNOWN
				Filing Date	HEREWITH (11/13/2003)
				First Named Inventor	George Chandran
				Group Art Unit	UNKNOWN
				Examiner Name	UNKNOWN
Sheet	1	of	2	Attorney Docket Number	31407-1001-UT

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document ² Kind Code Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2,140,898		William S. Collens, et al	12/20/1938	
		3,083,708		Max Gottfried	04/02/1963	
		3,179,106		Paul A. Meredith	04/20/1965	
		3,826,249		Arthur L. Lee	07/30/1974	
		4,841,956		Arthur M. N. Gardner, et al	06/27/1989	
		4,865,020		Horace Bullard	09/12/1989	
		4,922,893		Edward S. Wright, et al	05/08/1990	
		5,014,681		Avraham Neeman, et al	05/14/1991	
		5,022,387		James H. Hasty	06/11/1991	
		5,109,832		Richard D. J. Proctor, et al	05/05/1992	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document ² Office ³ Number ⁴ Kind Code ⁵ (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
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		5,117,812		Daniel M. McWhorter	06/02/1992	
		5,186,163		John F. Dye	02/16/1993	
		5,814,003		Samuel M. Knox, et al	09/29/1998	
		6,007,559		Edward J. Arkans	12/28/1999	
		6,123,681		Charles L. Brown, III	09/26/2000	
		US6,231,53 2B1		Kristin L. Watson, et al	05/15/2001	
		US6,440,09 3B1		James Allen McEwen, et al	08/27/2002	
		US6,447,46 7B1		Jakob Barak	09/10/2002	
		US6,494,85 2B1		Jakob Barak	12/17/2002	

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Sheet	1	of	2	Attorney Docket Number		31407-1001-UT	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		STEVEN T. WOOLSON, "Intermittent Pneumatic Compression to Prevent Proximal Deep Venous Thrombosis During and After Total Hip Replacement", <u>The Journal of Bone and Joint Surgery</u> , April 1991, pp. 507-512, Vol. 73-A, No. 4.	
		VINCENT W. VANEK, "Meta-analysis of Effectiveness of Intermittent Pneumatic Compression Devices with a Comparison of Thigh-high to Knee-high Sleeves", <u>The American Surgeon</u> , Nov. 1998, pp. 1050-58, Vol. 64, No. 11.	
		A.N. NICOLAIDES, ET AL., "Intermittent Sequential Pneumatic Compression of the Legs in the Prevention of Venous Stasis and Postoperative Deep Venous Thrombosis", <u>Surgery</u> , January 1980, pp. 69-76, Vol. 87, No. 1.	
		ROGER KAMM, ET AL., "Optimisation of Indices of External Pneumatic Compression for Prophylaxis Against Deep Vein Thrombosis: Radionuclide Gated Imaging Studies", <u>Cardiovascular Research</u> , 1986, pp. 588-596, Vol. 20.	
		MARY C. PROCTOR, ET AL., "A Clinical Comparison of Pneumatic Compression Devices: The Basis for Selection", <u>Journal of Vascular Surgery</u> , Sept. 2001, pp. 459-463, Vol. 34, No. 3.	
		MARK J. PIDALA, ET AL., "A Prospective Study on Intermittent Pneumatic Compression in the Prevention of Deep Vein Thrombosis in Patients Undergoing Total Hip or Total Knee Replacement", <u>Gynecology and Obstetrics</u> , July 1992, pp. 47-51, Vol. 175.	
		J. TED HARTMAN, ET AL., "Cyclic Sequential Compression of the Lower Limb in Prevention of Deep Venous Thrombosis", <u>The Journal of Bone and Joint Surgery</u> , Sept. 1982, pp. 1059-62, Vol. 64-A, No. 7.	
Examiner		Date	

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		JONATHAN S. MITTELMAN, ET AL., "Effectiveness of Leg Compression in Preventing Venous Stasis", The American Journal of Surgery, Dec. 1982, pp. 611-613, Vol. 144.	

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